

Converting Colors

XYZ(26.6147, 14.6775, 3.1954)

Have a look what the booklet for
XYZ(26.6147, 14.6775, 3.1954)
contains.

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Color

**XYZ(26.7276, 14.7221,
3.1832)**

Conversions

Conversions Part 1

Format	Color
Hex	CF2525
RGB	207, 37, 37
RGB Percent	81%, 15%, 15%
CMY	0.1882, 0.8548, 0.8549
CMYK	0.00, 0.82, 0.82, 0.19
HSL	0°, 70%, 48%
HSV	0°, 82%, 81%
XYZ	26.7276, 14.7221, 3.1832
YIQ	87.8300, 101.3200, 36.0400

Conversions

Conversions Part 2

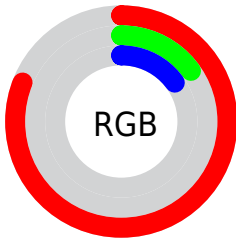
Format	Color
R_{YB}	207, 37, 37
Decimal	13575461
CIE Lab	45.25, 63.56, 43.99
CIE LCh	45, 77.301, 34.689
Yxy	14.7221, 0.5988, 0.3298
Android (android.graphics.Color)	4291765541 (0xFFCF2525)
YUV	87.8300, -25.0592, 104.5121
Hunter-Lab	38.3694, 57.1943, 21.9398

Details

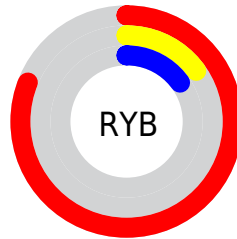
The XYZ color **26.7276, 14.7221, 3.1832** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34.3341, 49.5158, 66.7789**, and the grayscale version is **9.2777, 9.7609, 10.6296**.

A 20% lighter version of the original color is **47.3585, 30.9989, 11.6709**, and **11.5016, 5.9293, 0.5383** is the 20% darker color. If you saturate the color by 10%, you get **26.0177, 13.6837, 1.7720**, and if you desaturate by 10%, it is **27.9867, 16.5651, 5.6855**.

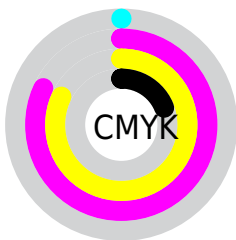
Distribution



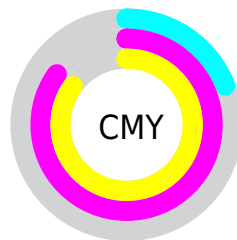
- Red (81%)
- Green (15%)
- Blue (15%)



- Red (81%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (82%)
- Yellow (82%)
- Black (19%)





- Cyan (19%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7276, 14.7221, 3.1832 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.7276, 14.7221, 3.1832 by changing the saturation by 10% instead.

 26.7276, 14.7221,
3.1832


 26.7276, 14.7221,
3.1832


278.5274,
221.6779, 138.6608


 17.5043, 8.6246,
1.1889


 53.8694, 34.3649,
12.0772

 10.6922, 4.4971,
0.0000


 72.5186, 48.6790,
19.8141

 5.9260, 1.9554,
0.0000

 95.0405, 66.5007,
30.3022

 2.8404, 0.5813,
0.0000

 121.8004, 88.2145,
43.9601

 1.0699, 0.0000,
0.0000

 153.1637,
114.2047, 61.2064

 0.0000, 0.0000,
0.0000

 189.4957,

144.8558, 82.4596

231.1619,
180.5521, 108.1382

26.7276, 14.7221,
3.1832

26.7276, 14.7221,
3.1832

26.0177, 13.6837,
1.7720

27.9867, 16.5651,
5.6855

25.7321, 13.2657,
1.2043

29.8752, 19.3287,
9.4394

32.4611, 23.1127,
14.5798

35.8034, 28.0034,
21.2239

39.9547, 34.0780,
29.4766

■ 44.9632, 41.4067,
39.4332

■ 50.8730, 50.0544,
51.1819

■ 57.7254, 60.0813,
64.8046

■ 65.5591, 71.5440,
80.3782

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.1652, 14.7221, 13.3211



26.7276, 14.7221, 3.1832



19.9330, 14.7221, 0.5690

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.7276, 14.7221, 3.1832



5.5633, 14.7221, 5.1988



15.0219, 14.7221, 82.9303

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.7276, 14.7221, 3.1832



34.3341, 49.5158, 66.7789

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9.3684, 14.7221, 73.5520



26.7276, 14.7221, 3.1832



4.9700, 14.7221, 19.0830

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.7276, 14.7221, 3.1832



8.0987, 14.7221, 1.0116



6.1244, 14.7221, 45.5677



22.2183, 14.7221, 65.8891

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.7276, 14.7221, 3.1832



15.1617, 14.7221, 0.0734



6.1244, 14.7221, 45.5677



12.8858, 14.7221, 82.8307

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.7279, 14.7230, 3.1834



69.3582, 62.4060, 57.8246



37.6559, 19.0934, 60.7317



14.2343, 12.4630, 11.1617



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.7279, 14.7230, 3.1834



41.2819, 21.3215, 2.0129



33.0254, 27.3179, 5.2826



11.8089, 11.8084, 12.2689



16.2126, 8.3581, 0.7588



0.9065, 0.4674, 0.0424

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.3341, 49.5158, 66.7789



53.8344, 78.7414, 106.9690



18.9849, 18.8173, 61.6625



12.1583, 13.4069, 15.1906



21.1510, 30.9487, 42.0514



1.1827, 1.7305, 2.3513

Previews

White Background



This preview shows how the XYZ color 26.7276, 14.7221, 3.1832 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.7276, 14.7221, 3.1832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7276, 14.7221, 3.1832

Background



This preview shows how black text looks on a background with the XYZ color 26.7276, 14.7221, 3.1832.



This preview shows how white text looks on a background with the XYZ color 26.7276, 14.7221,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.7276, 14.7221, 3.1832

Protanopia

13.6599, 14.9229, 5.7749

Deuteranopia

15.1211, 14.9818, 2.7109



Tritanopia

26.7121, 14.7159, 3.1016

Trichromacy



Original Color

26.7276, 14.7221, 3.1832

Protanomaly

16.3133, 12.8273, 4.4124

Deuteranomaly

17.8827, 13.3479, 2.6112

Tritanomaly

26.7121, 14.7159, 3.1016

Monochromacy



Original Color

26.7276, 14.7221, 3.1832

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

12.5624, 9.5112, 6.8040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7276, 14.7221, 3.1832 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(207, 37, 37)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 37, 37) }
```

Border

The CSS property to change the border of an element to XYZ 26.7276, 14.7221, 3.1832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 37, 37) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(207, 37, 37) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(207, 37, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 37, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 37, 37);  
box-shadow:4px 4px 4px 4px rgb(207, 37,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7276, 14.7221, 3.1832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 37, 37) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207, 37,  
37) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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